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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR            | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|---------------------------------|---------------------|------------------|
| 09/537,738      | 03/29/2000  | Nadeepuram Kuppanna Ranganathan | II-1                | 7052             |

7590 05/28/2002

Stradling Yocca Carlson & Raut IP Department  
Suite 1600  
660 Newport Center Drive  
PO Box 7680  
Newport Beach, CA 92660-6442

EXAMINER

YOCKEY, DAVID F

ART UNIT

PAPER NUMBER

2861

DATE MAILED: 05/28/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

|                              |                 |                    |
|------------------------------|-----------------|--------------------|
| <b>Office Action Summary</b> | Application No. | Applicant(s)       |
|                              | 09/537,738      | RANGANATHAN ET AL. |
|                              | Examiner        | Art Unit           |
|                              | David Yockey    | 2861               |

*AK*

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address -

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.  
 If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.  
 If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.  
 Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).  
 Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1) Responsive to communication(s) filed on 24 January 2002.  
 2a) This action is **FINAL**.      2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4) Claim(s) 21-29 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 21-29 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 11) The proposed drawing correction filed on \_\_\_\_\_ is: a) approved b) disapproved by the Examiner.  
 If approved, corrected drawings are required in reply to this Office action.  
 12) The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
 \* See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
 a) The translation of the foreign language provisional application has been received.  
 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

1) Notice of References Cited (PTO-892)      4) Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.  
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)      5) Notice of Informal Patent Application (PTO-152)  
 3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.      6) Other: \_\_\_\_\_.

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 21-29 are rejected under 35 U.S.C. 102(b) as being anticipated by Preszler (US 5,293,913).

Preszler discloses, in a system used in a printer:

- \* a container (bottle 16),
- \* a first coupling component (cover 22) of a duplex coupler (including fitting 26 with tube 18 connected thereto in addition to the aforementioned cover 22),
- \* a reservoir (tank 14),
- \* a complementary second coupling component (fitting 26 with tube 18 connected thereto) of the duplex coupler formed to the reservoir (as indicated in Figs. 3 and 4),

- \* the first coupling component being configured to mate (by screw connection) with the second coupling component of the reservoir (14), so as to mitigate leakage of ink (leakage is mitigated by not allowing ink to drain into the tank until screwing the bottle 16, having the cover 22 thereon, onto the fitting 26; see column 4, lines 14-16 and column 4, lines 40-42).

\* the printer being an ink jet printer (anticipated in that the printer may be any printer requiring inks, as indicated in column 1, lines 61-63 and column 2, lines 52-55, where reference is made to "proper placement of inks into the proper plumbing system of printers such as electrophotographic machines", clearly indicating that the printer is not limited to an electrophotographic machine, but may be any ink printer).

\* first coupling component (22) configured to be at least partially inserted into the second coupling component (fitting 26 with tube 18 connected thereto) (threaded neck 44 of cover 22 is inserted into fitting 26 by being screwed thereinto).

\* first coupling component (22) is configured so as to facilitate a flow of ink therethrough when the reservoir is formed so as to have a base which is substantially flat where ink enters the reservoir (configuration of the cover 22 facilitates ink flow therethrough regardless of the shape of a base where ink enters the reservoir, and, consequently facilitates ink flow therethrough when the reservoir is formed so as to have a base which is substantially flat where ink enters the reservoir).

\* The steps of the claimed method are deemed to be clearly anticipated in view of the provision by Preszler of the structure discussed above as disclosed by Preszler and facilitating flow by the screwing of the bottle 16, having the cover 22 thereon, onto the fitting 26; see column 4, lines 14-16 and column 4, lines 40-42).

### ***Response to Arguments***

Applicants arguments filed 24 January 2002 have been fully considered but they are not persuasive.

Applicants' arguments, directed solely to the combination of Niedermayer et al. and Ramacier, Jr. et al. without consideration of the remaining cited references, are not persuasive, as the newly submitted claims are anticipated by Preszler, as discussed in detail above.

***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David Yockey whose telephone number is (703) 308-3084. The examiner can normally be reached on weekdays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Barlow can be reached on (703) 308-3126. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 305-3431 for regular communications and (703) 305-3431 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.



DAVID F. YOCKEY  
PRIMARY EXAMINER

DY  
April 19, 2002